

101 PRACTICAL SUGGESTIONS for HOME IMPROVEMENTS

*The New
1936 Edition*



101

PRACTICAL SUGGESTIONS for HOME IMPROVEMENTS

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THE important subject of improving the home is one on which every home owner gladly seeks advice. Johns-Manville feels that it is particularly fitted to help you solve your home improvement problems. Because it is engaged in manufacturing—not one or two specialties—but a wide variety of basic building materials, it is in a position to talk with authority about the *entire* home, room by room, even including the outside walls and the roof.

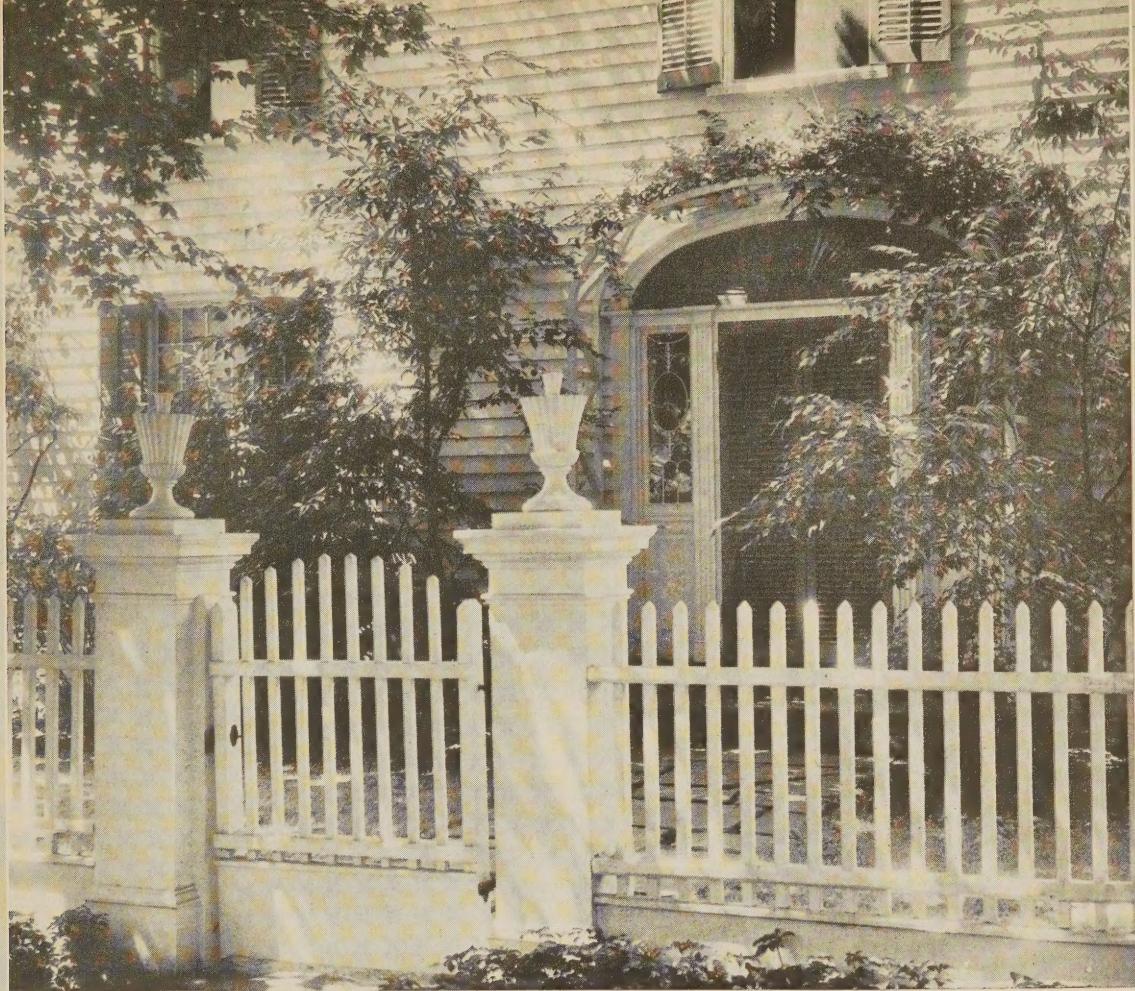
Many of the suggestions given in this book are complete in themselves. Others may require some addition on your part to make them fit your needs. But all are sound in principle, and, we are sure, will be helpful to you.

When you have decided what improvements you want to make, you will find Johns-Manville materials ready to help you make them with greatest economy. And in your J-M dealer and contractor you will find dependable assistants, not only in the execution of the work, but in the planning as well. Furthermore, under the J-M Million-Dollar-to-Lend Home Improvement Plan, you can finance the work on the most favorable terms ever offered for home improvements.

We hope that you will enjoy looking through these pages and seeing what can be done to improve the home. If, when you have finished, you feel that you have been materially helped with your plans, we shall regard ourselves well repaid.

What you will find in this book:

New roofs for old	1-4	Beauty treatments for walls and ceilings .	18-21
Solving the siding problem	5-7	Bringing the kitchen up to date	22-25
Winter and summer comfort indoors .	8-9	Lustrous, "tile-like" walls at low cost .	26-27
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Let's talk about your Home

FROM time to time you have undoubtedly visited homes in which you felt everything was "just right." Not only were they charming when seen from the outside, but you instinctively felt they were designed for comfortable, pleasant living. It is natural for us all to want just such a house. On the following pages we give you an opportunity to compare your home with what other home owners have done, by showing pictures of ideas and suggestions for practically all parts of the home. But first, let's take a look at the outside.

HOW ABOUT YOUR ROOF? Look especially at the roof. Is it colorful, or is it dull? Do the shingles lie flat and snug, or are they curling, splitting and falling out? Are they fireproof, or do they constitute an ever-present fire hazard? Any roof, to meet all requirements, should have the following characteristics:

(1) It should be permanent; (2) It should be fireproof; (3) It should be both colorful and pleasingly styled. Johns-Manville Asbestos Shingles, famous for more than 20 years, possess every one of these advantages.

Because they are made of asbestos and cement—two imperishable minerals—Johns-Manville Asbestos Shingles can neither burn nor wear out. Once they are on a home, they pro-

vide protection for as long as the building stands. No patching because of rot and deterioration. No fear of leaks. No budgeting year after year for roof upkeep. No fear of roof-communicated fire. Truly these shingles make the ideal roof!

Yet in spite of these characteristics, Johns-Manville Asbestos Shingles are not expensive. In the wide range of styles in which they are available, there is a roof for practically every pocketbook, just as there is a roof for every type of home. New designs and improved methods of application have brought the cost of J-M Asbestos Shingles down to where no one can afford to be without the protection they provide.

Let your Johns-Manville dealer or contractor inspect your present roof, report on its condition, and tell you how little it will really cost to cover it with fireproof, permanent J-M Asbestos Shingles. This work can be done without the necessity of tearing off the old shingles. An inspection will cost you nothing, and will put you under no obligation whatsoever.

Wherever minimum first cost is a vital consideration, Johns-Manville provides a complete line of asphalt shingles, which are colorful, long-lasting and fire-retardant. Both types of J-M Shingles—the asbestos and the asphalt—are more fully described on the following pages.



Johns-Manville ROOFS of BEAUTY

It is impossible, in these pages, to show all the styles of Johns-Manville Asbestos and Asphalt Shingles in their actual colors. The roofs shown above, however, ranging from the soft tones of the asbestos shingles in the foreground to the sparkling blends of the asphalt shingles in the distance, suggest the wide variety of color in which they are available.



Re-roof for the last time with

JOHNS-MANVILLE ASBESTOS SHINGLES

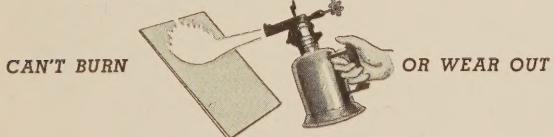
FROM the various styles of Johns-Manville Asbestos Shingles described on this page, you will easily be able to select the one most suitable for your home. Although each has individual characteristics of design, all will give you complete protection from fire and weather as long as your home stands. The first cost, likewise, is the last cost.

J-M SALEM SHINGLES: This is the traditional American style, patterned after the heavy-butted tapered wood shingles used by the early New England settlers. In soft shades of green, weathered black and gray, and with their sturdy texture, they authentically reproduce the appearance of heavy wood shingles which have been weathered by long years of exposure.

J-M AMERICAN METHOD SHINGLES: These shingles belong to the same family as the Salem Shingles. They taper to a thickness of $\frac{1}{4}$ -inch at the butts. Textured like wood, and in attractive tones of gray, black, green and red, they build permanent roofs of traditional design at a more moderate cost.

J-M HEXAGONAL METHOD SHINGLES: Inspired by the diagonal shingles found on old French cottages, they make staunch, distinctive roofs. The colors include Mottled Red, Mottled Green, Mottled Gray, Mottled Blue-black and Mottled Copper.

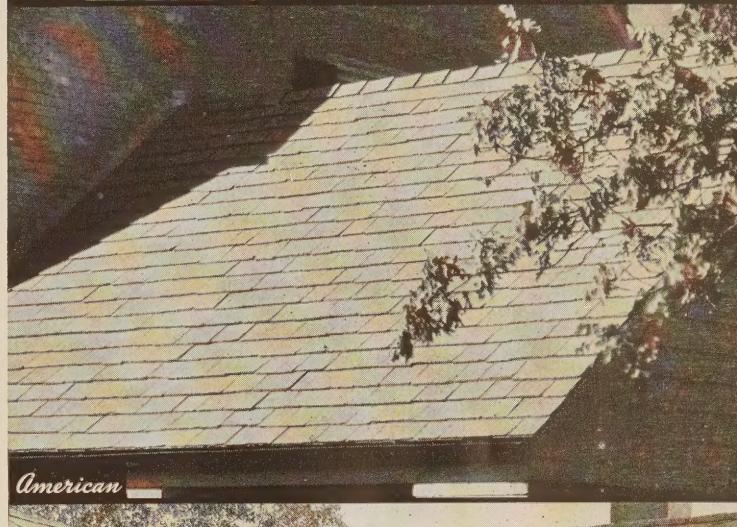
J-M DUTCH LAP METHOD SHINGLES: Although modern in feeling, these shingles retain the characteristic horizontal and vertical shadow lines found in the American Method Styles. The colors are the same as those in the Hexagonal Method Style.



and DISTINCTION



Salem



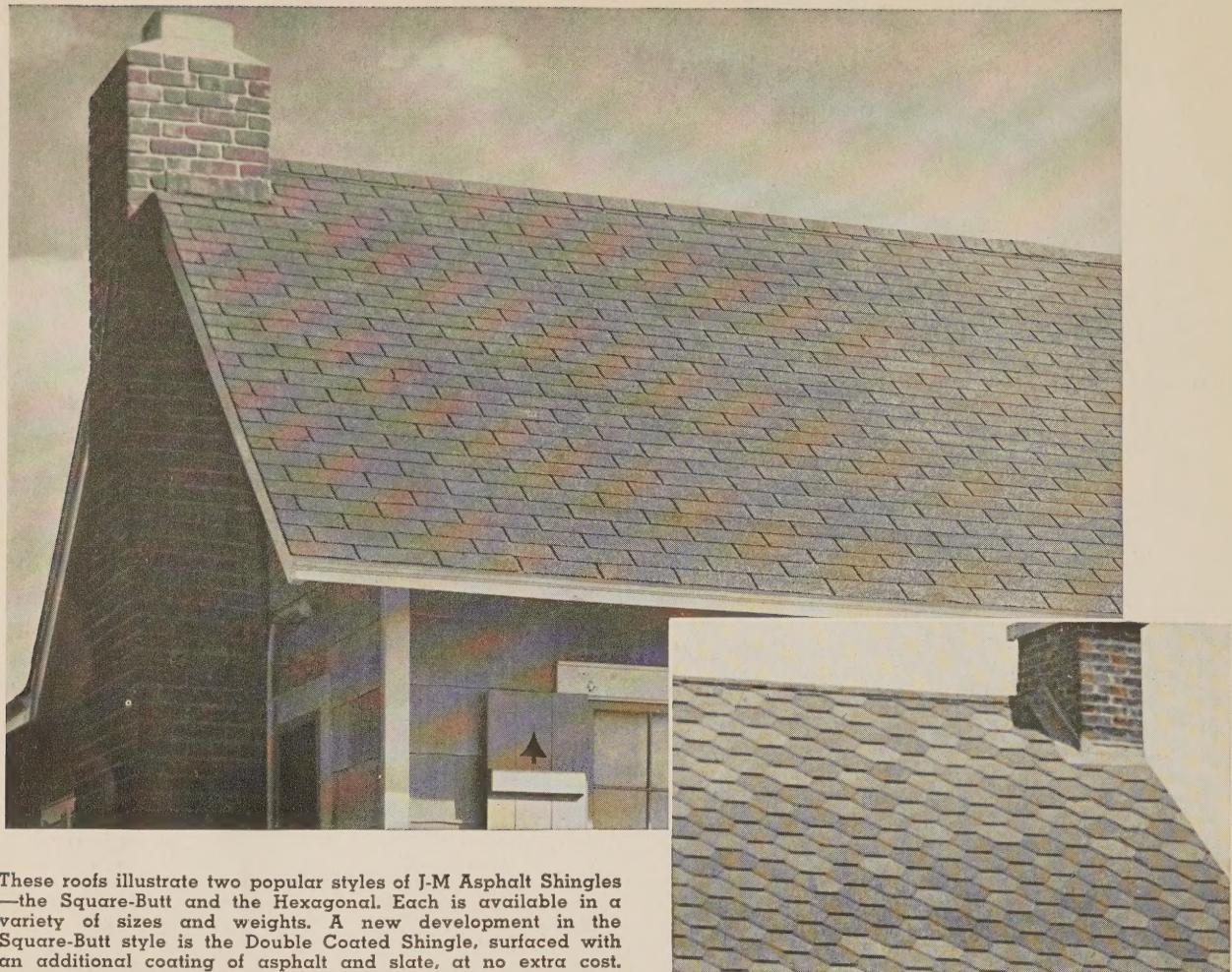
American



Hexagonal



Dutch Lap



These roofs illustrate two popular styles of J-M Asphalt Shingles—the Square-Butt and the Hexagonal. Each is available in a variety of sizes and weights. A new development in the Square-Butt style is the Double Coated Shingle, surfaced with an additional coating of asphalt and slate, at no extra cost.

Roofs of JOHNS-MANVILLE ASPHALT SHINGLES give long years of service at a moderate first cost

LITERALLY thousands of home owners have chosen Johns-Manville Asphalt Shingles for their homes because of their color, design and economy. Built on a base of selected felt, saturated with specially refined asphalts, coated with a tough, weather-resistant asphalt, and finally surfaced with colorful granules of slate or minerals, these shingles will give you long years of service at lowest cost. Because they retain their color through the years they require no "brightening up" treatments. And for the same reason, they do not require periodic protective coatings.

The J-M line of Asphalt Shingles includes a wide range of styles. Among them are Square-butts, Hexagonal, Dutch Lap, Thick-butts, Double Coated, Latch Thatch, Weatherlok and others. Your Johns-Manville dealer can give you full details about them all. Their cost is so economical that you need go no longer without the protection of a gen-

ine, weathertight Johns-Manville roof on your home.

BE SURE TO SELECT A RELIABLE CONTRACTOR

When you re-roof your home, avoid traveling roofers who make it their business to do work at cut-rate prices, and leave town before the low quality of their work can be discovered. Be sure you get exactly the style and weight you order, especially with asphalt shingles, where similarity in design often makes it possible for an unscrupulous contractor to substitute inferior grades for those you selected.

Once you have selected the style of Johns-Manville shingle you prefer, and have chosen a reliable contractor whom you know will stand behind his work, you can be sure of receiving a good-looking, weathertight, correctly-applied roof that will give you fullest value for your investment.



New **WALLS** of Beauty that are fireproof and permanent, and never require painting!

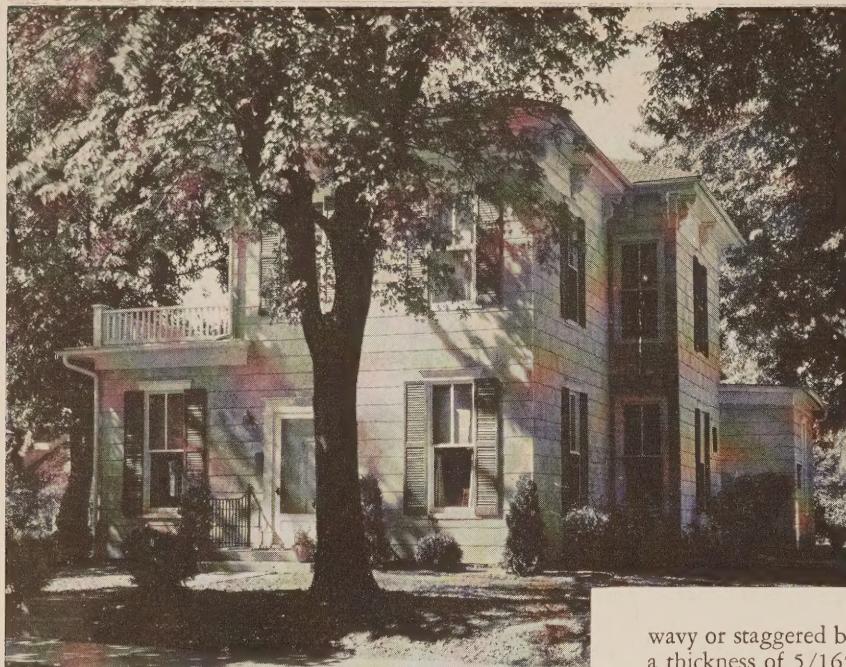


Old and weatherbeaten before, this home now is protected against the ravages of the elements by permanent, fireproof J-M Cedargrain Asbestos Siding Shingles applied over the old siding.

HOW often do you have to pay expensive bills in order to keep your outside walls in repair? In the past you have had to take this periodic expense for granted. But now, if you choose, you need never pay another bill for side-wall upkeep. Simply by applying permanent, fireproof Johns-Manville Cedargrain Asbestos Siding right over your old walls, you can retain all the beauty of wood shingles or clapboards, and yet at the same time eliminate the need for upkeep expense.

Made in two forms—shingles and clapboards

J-M Cedargrain Asbestos Siding is made in two forms—shingles and clapboards. The shingles were reproduced direct from fine wood shingles, especially selected for their interesting texture and graining. They are furnished in a variety of pleasing blended colors, featuring gray, green and brown. Although made in large pieces for economical application, they look like individual shingles laid in random widths, with



One would scarcely believe that the old vacant house and the attractive home at the left are one and the same. Thanks to Cedar-grain Shingles this property became not only better looking, but profitable as well, for it was rented immediately after being improved.



From a ramshackle farmhouse to a substantial home, forever free from sidewall repair. That is the story of this house. A transformation accomplished with J-M Cedargrain Shingles.

wavy or staggered butt lines. Furthermore, they are tapered to a thickness of $5/16"$, so that they have the same substantial shadow lines as are thrown by wood shingles. They are also available in uniform $3/16"$ thickness. In the style with the wavy edges, these shingles also give you a choice between wide and narrow weather exposure.

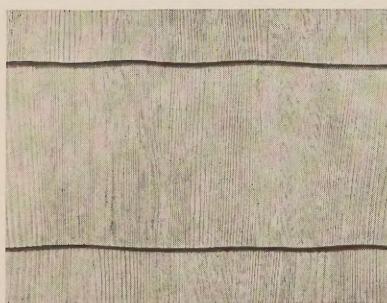
If you wish the effect of clapboards for your home, you can obtain it by using J-M Cedargrain Asbestos Clapboards. Both the shingles and the clapboards can be applied over the old siding at a cost but little higher than a good two-coat paint job. And the first cost is the last cost!

Your Johns-Manville dealer or contractor will be glad to give you an estimate for re-siding your home.

Your walls can be of "brick," too

One of the most popular siding shingles ever developed is the Johns-Manville Bric-Side Asphalt Shingle, which actually has the appearance of genuine brick, and comes in strips ready for application right over the old siding. Although, unlike J-M Cedargrain Asbestos Siding, it is neither permanent nor absolutely fireproof, it will last for years without upkeep. An illustration of this attractive style appears on the opposite page.

For fireproof walls with the beauty of wood . . . J-M Cedargrain Asbestos Siding



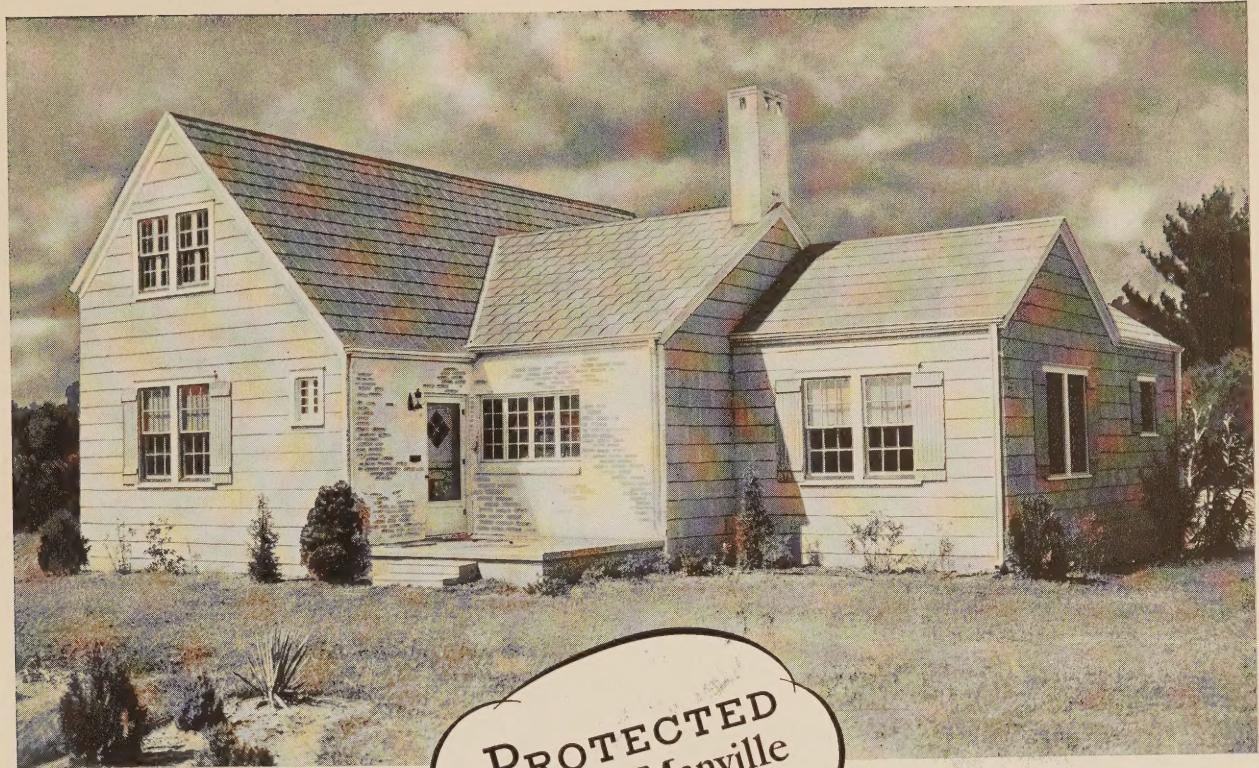
Style No. 105 with wavy butts



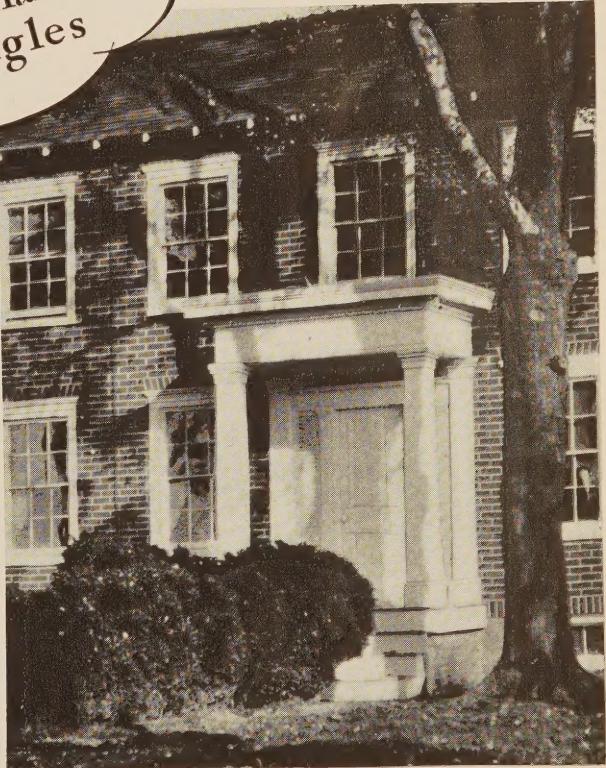
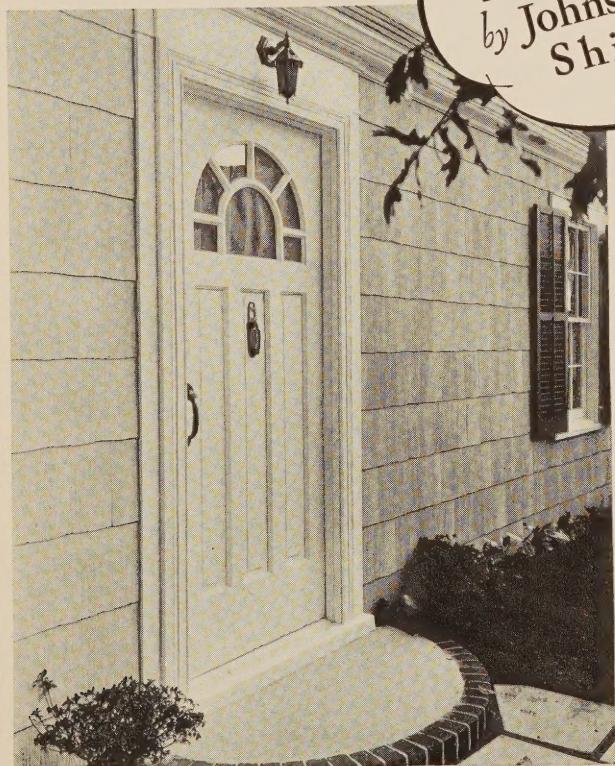
Style No. 107 with staggered butts



J-M Asbestos Clapboards



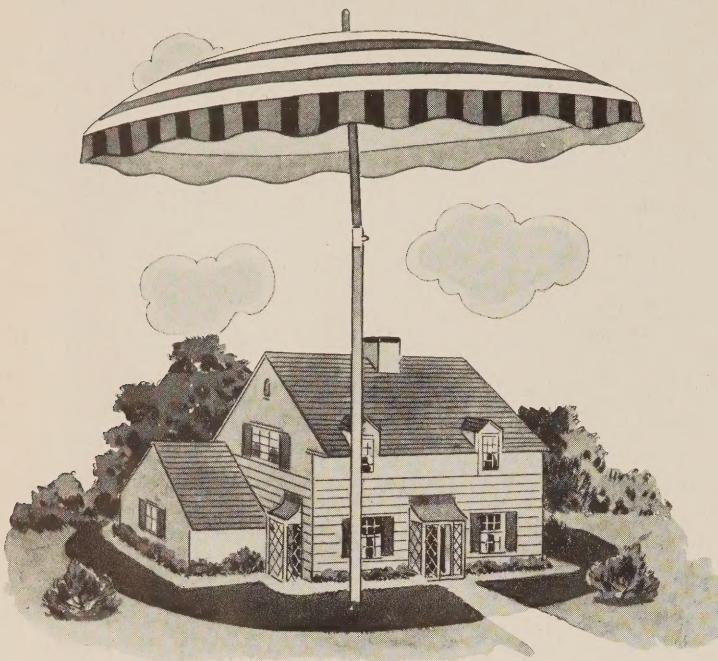
PROTECTED
by Johns-Manville
Shingles



J-M Cedargrain Siding Shingles are a source of pride to any home owner. They are good-looking as well as permanent. At top: Completely "armored" with a roof of J-M Dutch Lap Shingles and walls of Cedargrain Siding Shingles and brick.

Only close inspection could reveal that this house is not the "brick" residence it appears to be. J-M Bric-Side Asphalt Shingles changed it from a clapboard house, much the worse for wear, into this charming, colorful "brick" residence.

Today any Home can be COOL and comfortable in Summer . . .



*and you can save up to
30% on fuel in Winter*

Like a huge sunshade on the hottest summer days . . . like a thick, warm blanket in the bitterest of winter weather—J-M Home Insulation makes your home virtually independent of the weather man.

NEXT to the shelter provided by the roof and walls, the most important thing your home can give you is *comfort*. Ask yourself whether you are really comfortable winter and summer. Aren't there times in summer when your bedrooms are unbearably hot and you can't sleep a wink? Aren't there days in winter when you just can't seem to keep the house warm? And how about the fuel bills? Don't they often seem high?

With Johns-Manville Rock Wool Home Insulation you can make this discomfort—these high fuel bills—things of the past!

Picture to yourself a gigantic sunshade that resists the passage of heat as effectively as 11 feet of solid stone. You will then have a good idea of how this Johns-Manville Home Insulation will keep the heat of the sun from pouring through your roof and walls. Actual experience shows that when the home is J-M insulated, indoor temperatures are often as much as fifteen degrees lower on the hottest days in summer.

And in winter, this same material becomes a snug, warm overcoat that makes those upstairs rooms as easy to heat as the rest of the house. Fuel bills

go down (30% is not uncommon) and cold, drafty rooms become warm and comfortable. Furthermore, there are fewer family colds.

What is J-M Rock Wool, and where is it installed in the home?

J-M Rock Wool is exactly what its name implies—a light, fluffy, wool-like substance that has all the permanence and fire-proofness of rock. To obtain this amazing material, Johns-Manville takes stone and melts it under terrific heat until it flows like water. Then, as

this molten rock runs through an outlet into a jet of live steam, an amazing transformation occurs. What was once liquid rock now drifts down as lightly as snow-flakes—a permanent, fireproof, heat-proof wool.

Johns-Manville then takes this fluffy wool and makes it into "batts" that look like cotton batting. This form is known as Type B Home Insulation. It is applied by hand in the attics and walls of homes under construction. It comes in two handy sizes, factory-made to fit standard beam spacing.

MAKE THIS AMAZING ICE CUBE TEST



Take two pieces of ice of equal size. Put one in a saucer. Wrap the other in J-M Rock Wool. When the unprotected piece of ice has melted, unwrap the other. You will be astonished at how little it has melted. No wonder your home becomes up to 15° cooler in summer, and easier to heat in winter, on up to 30% less fuel!



These four men are helping to prevent family colds in winter, and are also insuring comfortable upstairs rooms in the heat of summer. The two men at the top are applying J-M Type B bats in the walls and attic floor of homes being built. The man in the circle is "blowing" Type A Rock Wool into the attic floor of a home already standing.

This same Rock Wool is also made in little nodules, like whorls of thread. This form is known as Type A Home Insulation, and is used to insulate the walls and attics of homes already standing. It is installed through a hose.

In certain types of work, such as accessible unfinished attics in either new or old houses, either type may be used with equal efficiency.

J-M Rock Wool stops all three forms of heat transfer

Believe it or not, the walls of your home are hollow. Heat can pass in or out with ease. Even more wasteful of your heat is the roof, which is but the thinnest of barriers to the passage of heat and cold. Only by filling those hollow spaces with a permanent, heat-proof material can you completely insulate your home.

There are three ways that heat travels in and out of your home. The first is by *radiation*, which is the transfer of heat from one body to another through

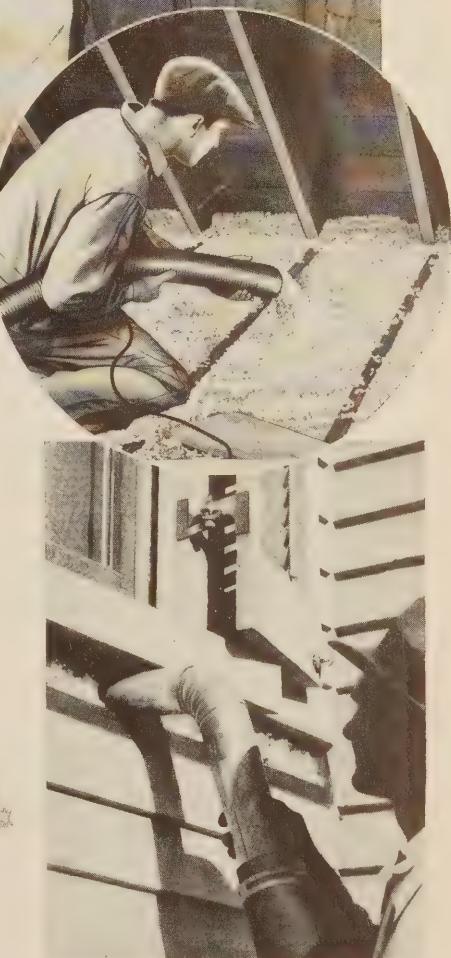
space, by wave motion. The second is by *conduction*, which is the passing of heat from one body to another by actual contact. The third is by *convection*, which is the passage of heat from one body to another on currents of air.

Some house insulating materials resist the passage of heat in only one of these three ways, and consequently are only relatively efficient. But Johns-Manville Rock Wool resists the passage of heat in all three ways—as long as your house stands!

Installed in any Home

No matter how new or how old your home may be, it can be insulated the Johns-Manville way. Even homes of brick and stone veneer, or of stucco offer no problem. The cost is low, and your savings on fuel bills will help pay for the job. These savings become money in your pocket in future years.

Before you attempt to go through another season of discomfort, let us give you an estimate on insulating your home with Johns-Manville Rock Wool.



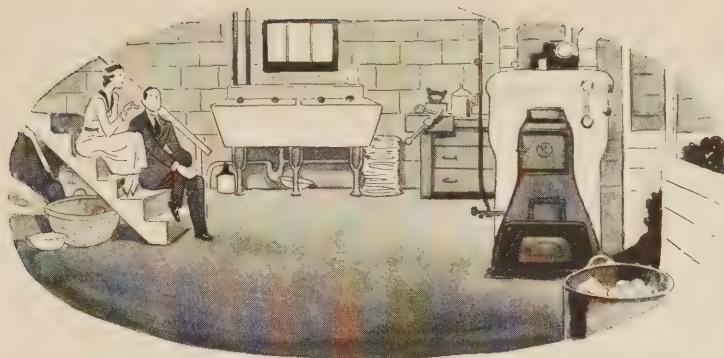
This man is "blowing" nodulated Type A Rock Wool through a hose into the outside walls of a home already built—a quick, simple process.



A BASEMENT LIVING ROOM *made with J-M INSULATING BOARD BEVEL TILE*

Both the walls and the ceiling are of J-M Bevel Tile, an Insulating Board product. J-M Bevel Tile is available in sizes from 6" x 12" to 24" x 48". It is made in the five attractive textures shown on the opposite page. The walls shown here are of 24" x 48" Bevel Tile in Natural texture. The ceiling is of 24" x 24" Bevel Tile in Wicker texture.





What can be done with the **BASEMENT** using Johns-Manville materials?

PERFECTLY marvelous things are being done with basements these days. Not so long ago people were saying, "O, that cellar! So dirty! So musty! So hard to keep clean!" But now the family without a cellar is considered unfortunate, for this room has been placed beside the kitchen, living room and dining room in importance.

By using that hitherto waste space below stairs, many a family has made its dearest wish come true. A play room for the children? The cellar is ideal. A game room for dad and his friends, or for mother and her bridge club? The cellar, of course. And when we say cellar, we are not thinking of stone or

concrete walls and a gray floor. We are thinking of something as interesting as the extra living room shown here in color—something that gives the service you want, but does it as attractively as any other room in the house. Just think of what you would like to have in addition to your present home, and the chances are that you will find a place for it in the cellar.

What you do with the walls depends largely on the kind of room and the effect you want. If you are at all undecided, the pictures in this book will give you definite suggestions. Why not take just a few moments to glance at them now? Study their possibilities, and

at the same time notice the variety of Johns-Manville materials that have been employed.

Although one certain material is featured in each chapter, it is not limited to that particular type of room, but can be used wherever it is suitable throughout the entire home.

The picture at the left, for instance, illustrates how Johns-Manville Bevel Tile, one of the many J-M Insulating Board products, can be used to construct a charming room. In its pleasing natural buff color, the Bevel Tile provides an attractive wall finish without the need for other decorative treatment, although, being an all-wood fibre

THESE ARE THE FIVE ATTRACTIVE TEXTURES FROM WHICH YOU CAN CHOOSE YOUR WALLS OF J-M BEVEL TILE



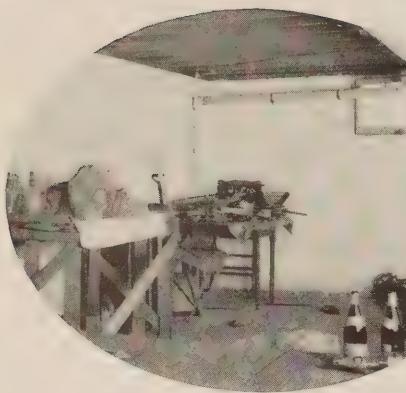
Natural

Sanded

Medium Fabric

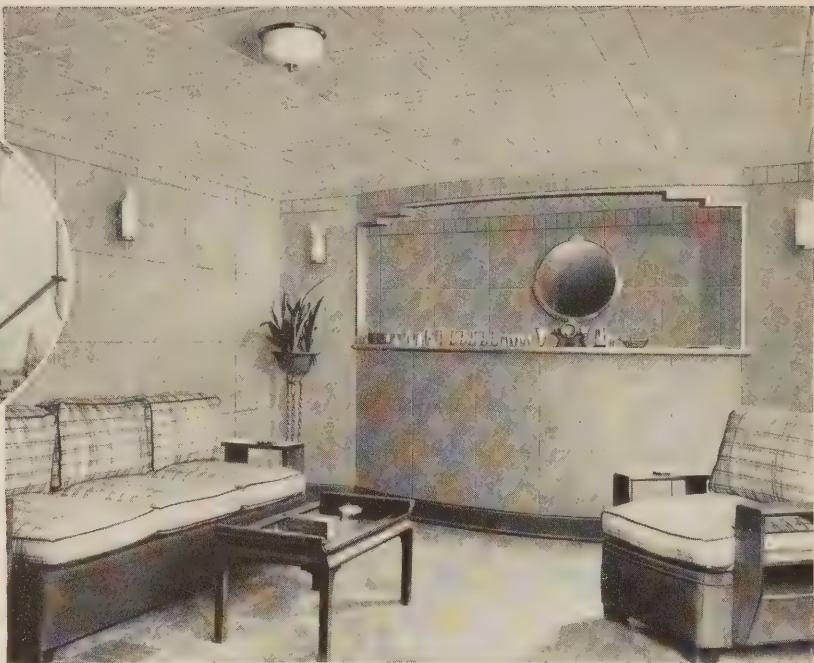
Wicker

Coarse Fabric



MAKING OVER A BASEMENT

This interesting transformation was made at economical cost by using J-M Bevel Tile in various sizes for the walls, with a ceiling of J-M Decorative Ceiling Tile.



board, it will take paint as readily as wood. In addition to the Wicker texture shown on the ceiling in this picture J-M Bevel Tile is available in four other distinctive textures. All five are illustrated on page 11.

Other forms of Insulating Board, such as Bevel Plank, Ashlar Strips, Wainscoting Panels, or even the plain sheets, may suit your purposes better.

In other pictures you will see how Johns-Manville Hard Board can be used in the same manner, or combined with Insulating Board to give variety to the wall treatment. In still other pic-

tures you will find walls of J-M Asbestos Flexboard, an asbestos-cement sheet material that has many uses.

Before leaving the subject of walls let us call your attention to the way the joints between the sheets are handled. You can choose between metal strips, bevels, battens, or butted joints. With this wide choice, you can make the joints part of the general effect of the room.

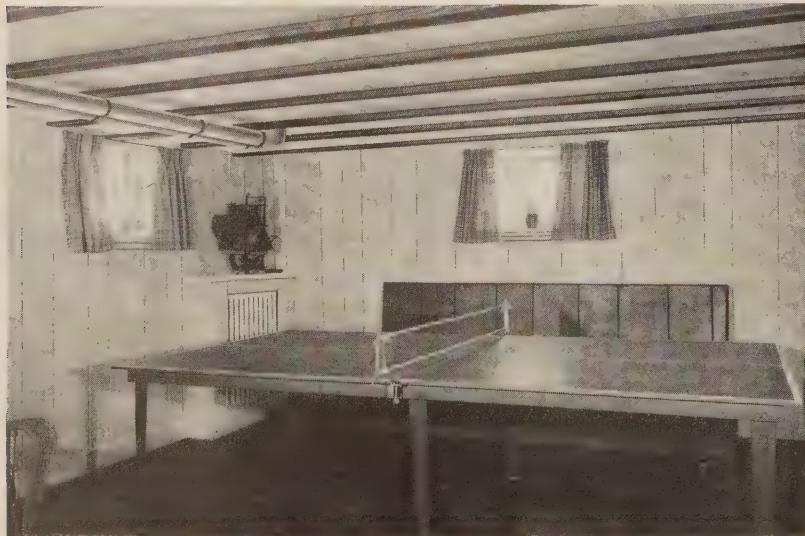
Now for the ceilings. For truly distinctive effects, we recommend Johns-Manville Decorative Ceiling Tile, Multiple Bevel Tile, or the textured Bevel

Tile, all of which are Insulating Board products. Here are large-sized, pre-designed units that will add just the touch you need to complete the room. They will harmonize with any J-M wall material you use, but can be painted, stained or kalsomined.

For a floor that will stand up under severe wear and tear, we recommend Johns-Manville Heavy Duty Asphalt Tile—a practical flooring material of exceptional durability. If you choose to paint your floor, you can decorate it with borders, game layouts or conventional designs in gay, contrasting colors.

Automatic heating methods are so clean that you can welcome your furnace right into your new room. Yet if you heat with coal, a snug little furnace room will remove every difficulty.

Remember that only part of the enjoyment comes from the building of the room. Far more comes in the actual planning and use of it. Don't you think it would be fun to "fix up" that old basement?



The walls in this basement room are made with J-M Bevel Plank (see man at right). The "beamed" ceiling is of J-M Insulating Board applied between the first floor joists.

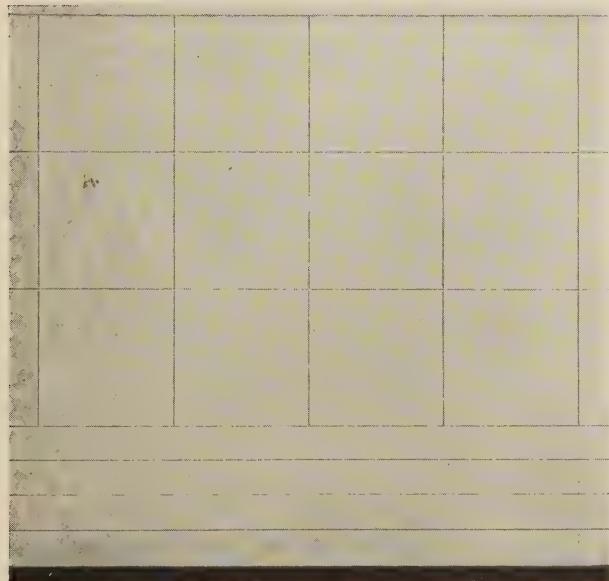


Here is a useful bar for the home, that takes up but very little space, and can be used as a table when the top is closed. It is made of J-M Tempered Hard Board and has all the conveniences necessary for serving a social gathering. If desired, the sides may be covered with decorative paper or with a hodge-podge of colored magazine or comic pages

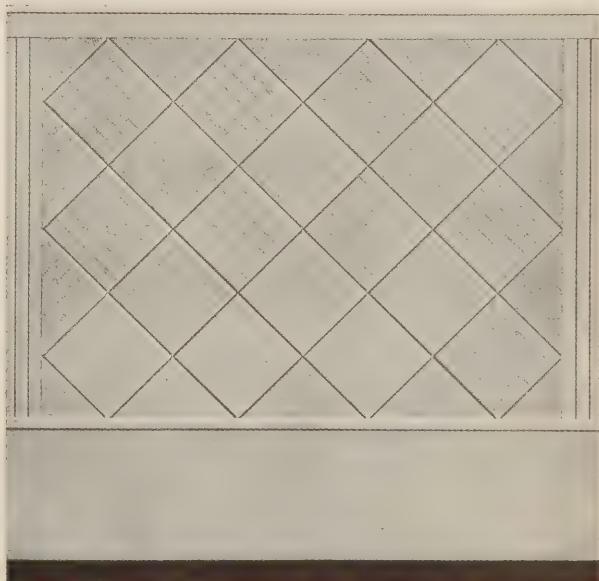


The modern effect of this attractive basement room has been achieved through the use of J-M Bevel Plank laid horizontally in random widths. Large sheets of Insulating Board were used for the ceiling. This is but one of the many ways in which unusual effects can be obtained with J-M Insulating Board products.

TWO OTHER WALL DESIGNS THAT CAN BE MADE WITH J-M INSULATING BOARD



Squares of 24" x 24" Sanded or Natural Finish Bevel Tile and a wainscot cut from a standard sheet of J-M Insulating Board and V-grooved, make one of the simplest and most adaptable of designs. The surface may be stained, painted or natural.



This interesting diamond pattern is formed with 16" x 16" squares of J-M Bevel Tile in the Wicker texture. The pilasters are cut from a sheet of J-M Insulating Board and V-grooved on the job as shown. The wainscot is also Insulating Board.

Your
ATTIC
too, offers many
possibilities
for use!

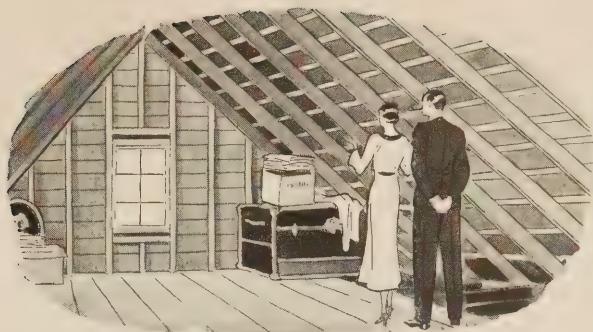


J-M INSULATING BOARD
in **STANDARD SHEETS**

The man shown above is holding a sheet of Johns-Manville Insulating Board—a versatile material made of compressed wood fibre. It is rigid, as well as easy to handle and to cut. Furnished in sheets from 4' x 4' up to 4' x 12' and from 8' x 6' up to 8' x 12', it brings the cost of remodeling down to a minimum. Its natural buff color harmonizes with practically any decorative scheme.

This drawing illustrates a charming effect which can be obtained by using Insulating Board in standard sheets, with painted wood strips over the joints and colorful stencils where desired.





IF, as you stand in the middle of your attic, you can reach up without touching the ridge pole, and if you can walk about three feet to each side without striking your head on a rafter—be thankful, for you have discovered a barren place that can be made to pay dividends in comfort and usefulness.

Perhaps even more than basements, attics have been put to use in recent years. After all, what more useful thing can you imagine than a spare bedroom in the attic—or a sewing room, a play room, or even an apartment? When your home was built, you paid for cubic footage now going to waste. Why not get some return on that investment?

Perhaps you have put away among your things some clippings showing a room that you would like to have. Take it with you into your attic. Maybe you can't have exactly what you see in the picture, but you can certainly have something very close to it. Whether your needs demand a single room, or whether they require a complete apartment including living room, dining room, kitchen and bathroom, Johns-Manville materials will make them easy and economical to obtain.

Look at the gay little bedroom at the left. Isn't it good-looking enough for your most particular guest? Note the color scheme, for one thing; the window seat that becomes a bed at night; and all the other conveniences that make it so homelike. And behind them all (and really responsible for everything) the walls and ceiling of Johns-Manville Insulating Board—large sheets of compressed wood fibre that bring the cost of modernizing an attic 'way down.

Still other ideas for attic modernization are shown on the next page. They show

what people have done with musty attics. And they show what can be done with yours.

All Johns-Manville Wall Materials, whether Insulating Board, Hard Board or Asbestos Flexboard, are at your command. As you read about these materials in this book, you will be able to tell which ones you will want when you improve your attic.

There is one thing that you must not overlook in planning your attic rooms and that is, *adequate insulation*. If you go up there frequently, you know how unbearably hot or cold it can be. If you neglect to insulate your attic thoroughly, it will be the costliest mistake you could make, for it will deprive you of the use of the room for at least half of the year. And only a *full-thickness material* will do!

Johns-Manville Type B Home Insulation, applied behind the J-M wall materials, will keep out all unwanted heat and cold, and make that new room as comfortable as the rest of the house. (Of course, you'll include sufficient radiation.) For a description of J-M Home Insulation, see pages 8 and 9.

Floors in unused attics are generally of rough tongue-and-grooved lumber, suitable for use as a sub-floor to receive a finished floor of Tempered Hard Board, hard or soft-wood flooring or linoleum. Occasionally, however, the existing floor can be put in condition suitable for your use. This naturally will save you money.

Sometimes attics are hard to reach. In such cases, a disappearing stair is a satisfactory answer. If there isn't room on the attic floor for the stair ladder, you can build a permanent stairway. The convenience of having an attic you can use is well worth installing a stair of either type.

A GUEST ROOM IN THE ATTIC

made with

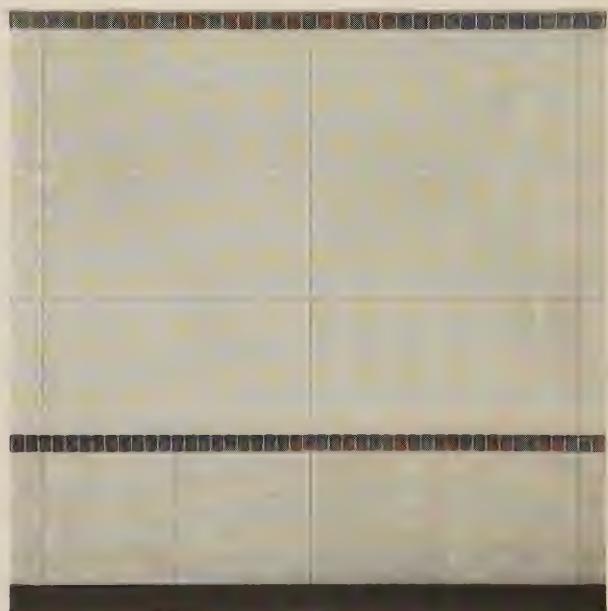
J-M INSULATING BOARD in STANDARD SHEETS



The attic in this home is large enough to accommodate a complete apartment for rental purposes. This attic living room, with walls of J-M Insulating Board Bevel Plank is as cozy and charming as one could wish. The ordinary roof braces have been made decorative by the use of ornamental brackets, while the unusual height of the room has apparently been lessened by a graceful wood trim at the top of the lower walls.



Here is a trim little attic bedroom with walls of J-M Bevel Plank, that is suitable for a guest room, or for the daughter who is home from college. By a simple change of furnishings it can easily be made into a boy's room.



A modern wall design, with 24" x 48" units of Sanded Bevel Tile over a wainscot formed of 24" x 24" units in Coarse Fabric. The decorative bands were made by cutting small rectangles of J-M Hard Board. Note the decorative joints.



**BEFORE
and AFTER**

Stretch out here for 40 winks or a long night's rest. Come up when you want to get away from the rest of the family. Almost any attic can accommodate a cozy nook like this. The paneled walls are of J-M Bevel Plank (stained). The rest of the walls and the entire ceiling are of J-M Insulating Board in Standard Sheets, with the edges beveled to make decorative joints.



**THESE WALLS, TOO, ARE MADE
WITH J-M INSULATING BOARD**



This distinctly modern wall design is achieved with J-M Bevel Plank laid horizontally, with pilasters and wainscot cut from sheets of Insulating Board and beveled. The stars may be stenciled on.

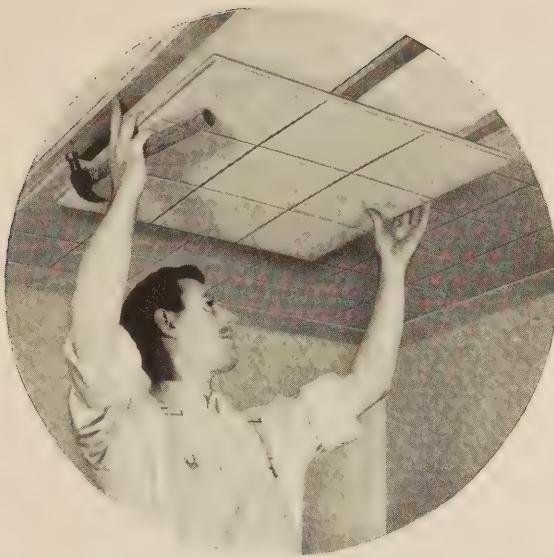


Attractive paneled walls are easily made by cutting stiles and rails out of J-M Insulating Board and applying them over standard sheets. Wood moulds are then applied and the entire surface stained or painted or left in the natural finish.



A DINING ROOM in COLONIAL STYLE

*with J-M HARD BOARD and BEVEL PLANK on the WALLS
and with J-M DECORATIVE CEILING TILE on the CEILING*



Your living room, dining room and bedrooms can have a real Beauty Treatment!

ONE of the major problems in almost every home is "what to do with cracked ceilings." Through no fault of your own, some of your ceilings may now be past repair. Naturally you dread the annoyance and expense of tearing off the old plaster and applying new. To answer this specific situation, Johns-Manville has developed a special line of decorative ceiling materials made of Insulating Board, and furnished in a wide variety of sizes and designs. They are known as Bevel Tile, Multiple Bevel Tile and Decorative Ceiling Tile.

The development of these new ceiling materials, together with other J-M

Insulating Board products for wall treatments, has made it possible to achieve inexpensively, a latitude of design and a beauty of effect heretofore unobtainable with fibre board materials.

Any of these pleasingly designed Insulating Board products are applied right over old, unsightly plaster, on narrow wood strips that are first nailed securely through the plaster into the lath and floor beams above. This simple treatment gives you a ceiling about which you will never have to worry. Cracks cannot develop, and the joints require no covering, because they are a part of the design. The warm buff color of the tile is pleasing to the eye, and in

keeping with the vogue for tinted ceilings. No finishing is necessary, although the tile are easily painted or stained, when special effects are desired. Usually the average 10' x 12' room can be entirely re-ceilinged in one working day, at a small fraction of the cost of replastering—and with none of the inconvenience.

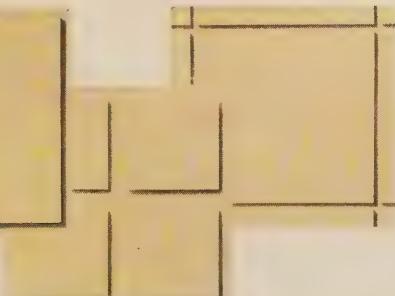
The living room, dining room or bedroom that is lacking in character presents another special problem. There is one method of solving it that will afford you great enjoyment. That method is to select some object and actually design the room around it. Interior decorators very often achieve master-

Right: J-M MULTIPLE BEVEL TILE

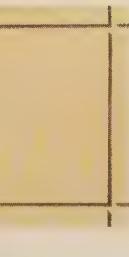
Below: J-M DECORATIVE CEILING TILE



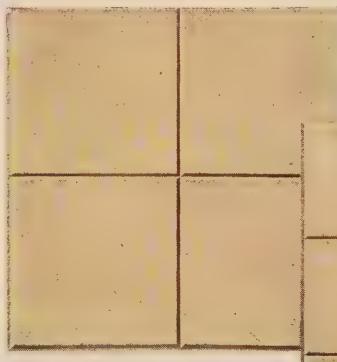
DESIGN C-1



DESIGN C-2



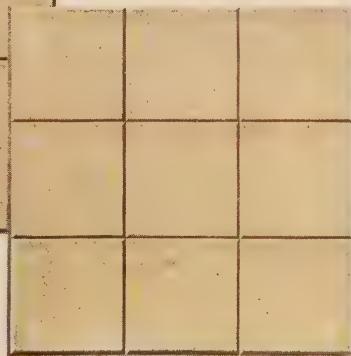
DESIGN C-3



24" x 24"—V-grooved to 12" x 12"

24" x 24"—V-grooved to 8" x 8"

J-M Multiple Bevel Tile
are large Insulating
Board units. V-grooved to
give effect of smaller units.





Top: An early American living room, entirely Colonial in effect, yet achieved with a modern material—J-M Insulating Board cut from standard sheets. Note the paneled ceiling. Below: A simple but effective solution to the problem of re-decorating a living room—J-M Insulating Board Bevel Tile and J-M Decorative Ceiling Tile for the ceiling, with a frieze of J-M Hard Board. Right: Basket weave ceiling design of J-M Multiple Bevel Tile, suitable for almost any room.

pieces by designing rooms around such objects as corner cupboards, fireplaces, alcoves, beds and even pictures. Look at the dining room on page 18. Once it may have been just an ordinary room with uninteresting walls, and with nothing particularly distinctive about it.

But now, with its Colonial corner cupboard, set off by walls of Johns-Manville Hard Board and Insulating Board Bevel Plank, it has undeniable character and charm, and is suitable for any type of home. This is but one of the many possible suggestions. Other ideas will occur to you as you see the

variety of treatments available with Johns-Manville materials. The range of possibilities by combining sizes and designs of J-M Insulating Board Products alone, is practically unlimited.

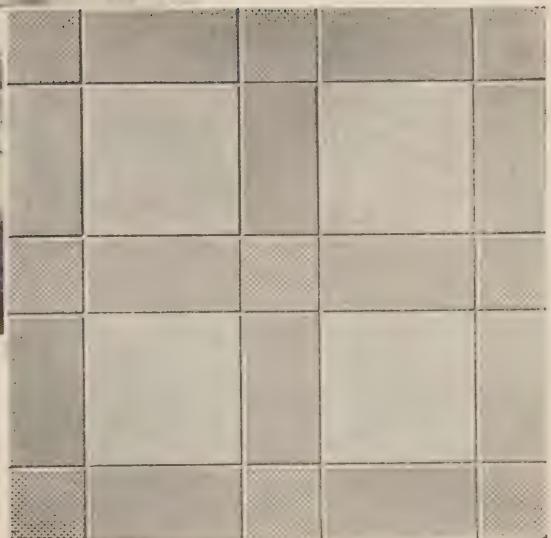
In re-styling the living room, the most obvious change is to install a fireplace mantel, if you do not now have one, or to replace a poorly designed mantel with one of good design. Other suggestions include the use of book shelves, bay windows, new drapes, and modern lighting fixtures. For the charm that is always found in the Colonial, we suggest a wall treatment similar to the

one shown in the dining room on page 18—a combination of J-M Hard Board and Bevel Plank; or just the Bevel Plank running from floor to ceiling, with suitable base and cap moulding. Sometimes the fireplace or alcove end of the room can be given emphasis by employing a different wall treatment.

There are many other treatments possible with Johns-Manville wall and ceiling materials, ranging from the conservative to the modern. These treatments can be used in nurseries, guest rooms and recreation rooms. Your architect can adapt them to your needs.



Simply by allowing a narrow strip of wood to extrude between the sheets of Insulating Board, a very novel effect has been achieved. Below: An attractive ceiling design made by combining J-M Bevel Tile in Sanded, Medium Fabric and Coarse Fabric textures, and by using three sizes of tile.



This close view of J-M Insulating Board Bevel Plank clearly shows the interesting variety that can be obtained by the use of random widths. In this room, J-M Decorative Ceiling Tile, Design C-3, was used for the ceiling. At right: Even ceilings as badly cracked as the one shown in the upper picture can be successfully covered with J-M Ceiling Tile, as shown in the lower view of the same portion of the room.

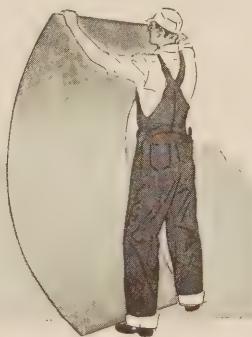


A MODERN KITCHEN *with* WALLS *of* J-M DECORATIVE
ASBESTOS FLEXBOARD *in* GREEN *and* BUFF

Your old kitchen walls can easily be MODERNIZED... with J-M Asbestos Flexboard

A flexible, asbestos-cement sheet that can be sawed and nailed like wood. A fireproof, rot-proof, permanent material that can be installed in decorative or standard finish at remarkably low cost.

PROBABLY one of the most interesting building materials developed in recent years is the new Johns-Manville Asbestos Flexboard. It seems almost incredible that a cement product could be made that can actually be cut with a hand saw, nailed without drilling, and even planed on the edges. Yet, with its Asbestos Flexboard, Johns-Manville has not only done these things, but has also added color as part of the sheet, thereby producing a building material unlike anything heretofore available—a material positively amazing in its range of uses.



Before we describe these uses, let us explain that Asbestos Flexboard comes in two forms—Standard and Decorative—ready for application in new construction or over the old walls in existing buildings. The Decorative form is $\frac{1}{8}$ " thick, and has a factory applied finish that can be restored with ordinary household wax. Its colors are

Green, Buff, Rose, Slate and Light Gray. The Standard form is furnished only in unpolished Buff sheets, in thicknesses of $\frac{1}{8}$ " and $\frac{3}{16}$ ".

Both the Standard and the Decorative materials are available in plain 4' x 8' sheets, and in 4' x 4' sheets that are scored to look like 4-inch tile. In each form, the asbestos fibres which appear on the surface, impart a pleasing textured effect of infinite variety.

The illustrations on these pages indicate how Flexboard can be used to finish the walls in kitchens and bathrooms. The use of chromium strips to cover the joints provides a decorative touch entirely in keeping with the character of the rooms.

In addition to providing a colorful, sanitary, easy-to-keep-clean surface, J-M Asbestos Flexboard gives you the choice between the familiar tile design or the more modern plain material.

Uses of J-M Decorative

Flexboard in the home

If you want a wall finish that is colorful, cleanable and permanent you will find J-M Decorative Flexboard ideal, and lower in cost than you would expect.* In addition to being used in kitchens, bathrooms and lavatories, it can also be used for recreation rooms. You can also use it when finishing off a powder room or 'phone nook under the stairs, when building a nursery or game room, or to line stair walls. There is nothing on the surface to be harmed by ordinary, everyday usage. And since the color goes right through the sheet, the material is well protected against marring.

* Because Flexboard is surfaced with a wax finish, it is not recommended for use around bathtubs or in shower stalls.



Who wouldn't enjoy working in a kitchen as lovely as this? In its unusual Rose color, combined with sheets of plain Buff, J-M Asbestos Flexboard gives this kitchen walls that are glossy and colorful, as well as easy to clean.



With walls of Flexboard in two colors, and with chrome fittings over the joints, the kitchen shown above has a most modern decorative wall treatment. At the left is an interesting combination of J-M Asbestos Flexboard in Tile Design with wall paper above.

Other uses of

J-M Asbestos Flexboard

Following are some of the places, other than the home, in which J-M Asbestos Flexboard is being used.

Decorative Flexboard: Dental and medical offices, corridors, lobbies, restaurants, show rooms, beauty parlors, confectionery shops and markets.

Standard Flexboard: Partitions, door casings, summer bungalows, roadside stands, overnight cabins; for lining truck bodies, concrete forms, elevator shafts and for storage vaults; and in farm buildings like chicken coops, brooder houses and milk houses.

Because it is made of asbestos and cement—two imperishable minerals—there is nothing in Asbestos Flexboard to rot or disintegrate, or to attract rodents and vermin. Where protection from heat and cold is wanted, Asbestos Flexboard should be applied in conjunction with J-M Insulating Board or Rock Wool Home Insulation.



Uses of Standard Flexboard in the home

Standard Flexboard can be used anywhere that Decorative Flexboard can be used. It is available, however, only in unpolished Buff sheets, but it can be varnished or lacquer-enameled to suit. This feature makes it possible for you to have walls or ceilings in a color of your choosing, while retaining all the advantages of fireproofness, permanence and economy which are charac-

teristic of J-M Asbestos Flexboard. Wherever dampness, steam or hot water is prevalent, use J-M Asbestos Wainscoting, which is described on the following pages.

You will also find that Standard Flexboard makes a splendid lining for both the furnace room and the garage, where cleanliness and fire protection are essential.



A new way to produce the effect of flushboarding by using sheets of J-M Standard Asbestos Flexboard and painting them to suit, after the job is finished.

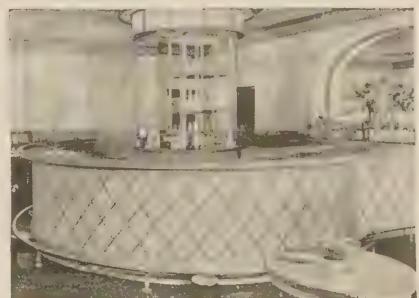
Skillful planning accounted for the remarkable transformation shown in the two pictures above. And J-M Asbestos Flexboard accounts for the pleasing wall finish in the completed job.

J-M ASBESTOS FLEXBOARD SELECTED BY FAMOUS NEW YORK THEATER AND HOTEL



Left: In the Center Theater at the magnificent Radio City in New York, more than 70,000 square feet of J-M Standard Flexboard were used to form the proscenium arch. This material was selected because it met every requirement of fireproofness, light weight and paintability.

Right: The Hotel Montclair, New York City, chose J-M Asbestos Flexboard for its "Keyhole" Bar. Here it was necessary to find a material that was flexible, and would stand abuse.





A MODERN BATHROOM with walls
of J-M ASBESTOS WAINSCOTING



J-M Asbestos Wainscoting is available in tile design and Color Panels (plain design) in sheets measuring 48" x 48". Cap and base are furnished separate. The marbleized sheets are 32" x 48".

You can completely transform your Bathroom Walls with this beautiful material . . . at low cost

**J-M Asbestos Wainscoting offers a choice of three
styles—Color Panels, Tile Design and Marbleized**

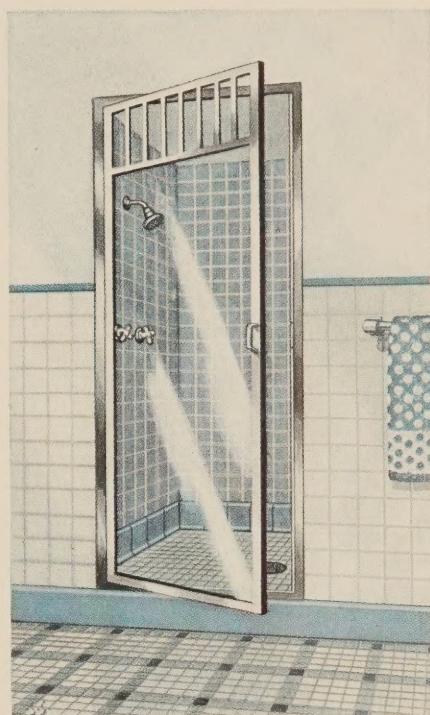
IN J-M Asbestos Wainscoting, Johns-Manville presents a decorative asbestos-cement sheet wall material with a "baked-on" surface superior to any similar material now on the market. It is ideal for all places in the home where a colorful, sanitary and durable wall finish is desired. It is especially suitable for use around bathtubs and in shower stalls.

With Color Panels, which are plain sheets of clear, lustrous color, you can have walls in the modern manner, as in the illustration on the opposite page. With chromium strips and corners, you can add a distinctive decorative touch. If you desire a marbleized effect you can have J-M Asbestos Wainscoting in any one of four authentic marble patterns, reproduced direct from the finest marble specimens available—Breche Rose, Jaune Fleuri, Black & Gold, and Verde Antique.

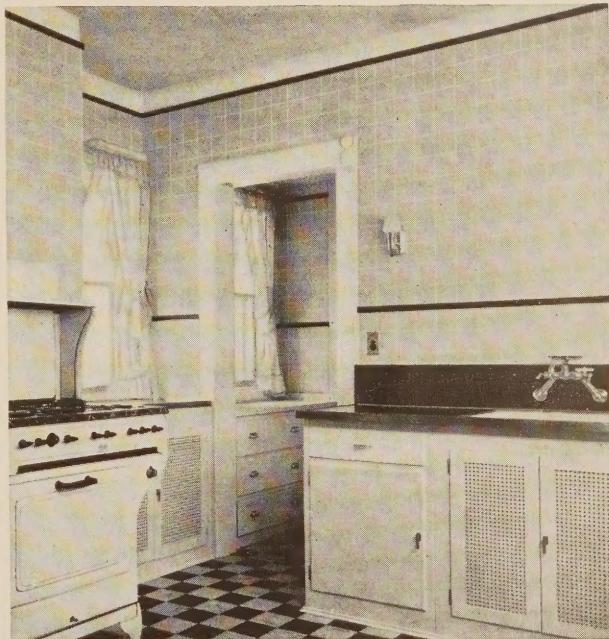
With this material in the tile design, you can have a "tile-like" wall finish applied right over your old walls at a fraction of the cost of real tile. And there will be no muss or dirt as with real tile. Its colors are Light Green, Light Blue, Ivory, White, and (on special order) Black.

In addition to its uses in the home, J-M Asbestos Wainscoting is ideal for commercial uses, as in banks, offices, display rooms, delicatessens, meat shops, candy stores and beauty parlors.

When you modernize your bathroom with new fixtures, don't overlook the walls, for new fittings require suitable backgrounds, if they are to appear to their best advantage.



J-M Tile Design Wainscoting can be quickly installed
as a splash wall around an exposed tub.

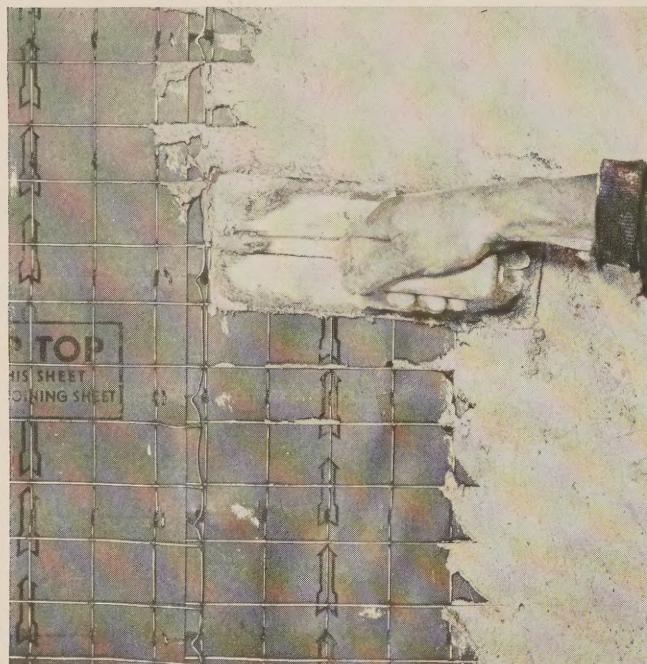


A practical wall treatment for a busy kitchen—J-M
Asbestos Wainscoting carried to full ceiling height.

When you are building or remodeling—

J-M STEELTEX for PLASTER

will give you fireproof, maintenance-free walls



WHEN you build or remodel, the best precaution you can take against future upkeep bills for the repair of cracked plaster is to specify J-M Steeltex as the plaster base.

As the illustration shows, Steeltex is composed of a strong, welded wire fabric, with an integral fibrous backing. It provides the following advantages not found in ordinary lathing materials:

1. An absolutely rigid plaster support.
2. A re-inforced finished plaster wall, in which strains are distributed equally in all directions, producing a plaster surface highly resistant to cracking.
3. No waste of plaster for "keys," because the fibrous backing automatically controls the amount of mortar.
4. An absolutely fireproof plaster support.

J-M Steeltex is also made in special forms for the construction of walls using stucco, brick veneer and stone veneer.

OTHER JOHNS-MANVILLE MATERIALS that will help improve your home

In addition to the products described in this book, Johns-Manville also manufactures other materials for use in new construction and remodeling.

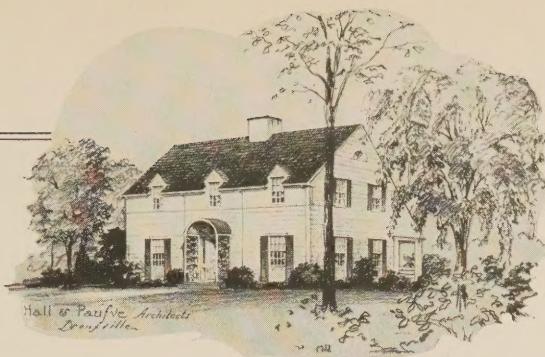
J-M PIPE AND BOILER INSULATION: By having proper insulation on your furnace and pipes, you can keep your home more comfortable in winter and save fuel as well. When insulated with a 1-inch thickness of J-M 85% Magnesia Blocks, finished with $\frac{1}{2}$ " of J-M Asbestos Cement, a steam furnace having an insulation area of thirty square feet will save the equivalent of a ton of coal each heating season, as compared with the $\frac{1}{2}$ " thickness of insulation on most furnaces.

After the heat leaves the furnace, it should travel through pipes adequately insulated with a material which will not shrink. J-M Pre-Shrunk Asbestocel answers every requirement. To maintain a supply of hot water, cover your water tank with a Johns-Manville Asbestos Range Boiler Jacket.

J-M ASBESTOS AND ASPHALT ROLL ROOFINGS: For every type of service requiring a ready-to-lay roofing, Johns-Manville manufactures a suitable material, ranging from a light-weight asphalt roofing for temporary work to a heavy-weight asbestos roofing for permanent, fireproof roof construction.

J-M ASPHALT TILE FLOORING: Wherever you want a distinctive tile floor in your home, consider J-M Asphalt Tile Flooring—a resilient, durable material in a wide variety of plain and marbleized colors. (Applied only by Approved Johns-Manville Flooring Contractors.)

J-M AQUADAM, FOR DAMP-PROOFING WALLS: In new construction, coating the outside of the foundation walls with J-M Aquadam will aid in keeping dampness out of the masonry or hollow tile. On the inside of the exterior walls, it provides a damp-proof film and prevents air infiltration.



You can have a Johns-Manville "TRIPLE-INSULATED" HOUSE

*Fortified against heat and cold—
protected against fire—armored
against time and the weather*

HUNDREDS of enthusiastic visitors have expressed their approval of the construction methods used in this demonstration home at New Rochelle, N. Y. Co-operating with the builders, Johns-Manville introduced for the first time the "Triple-Insulated House"—fortified against heat and cold, protected against fire, and armored against time and weather.

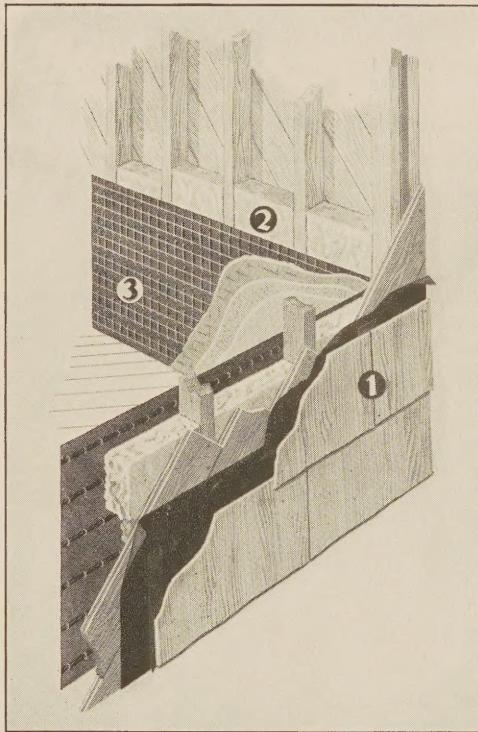
The materials that make this triple-insulated feature possible are J-M Rock Wool Home Insulation, J-M Asbestos Roofing and Siding Shingles, and J-M Steeltex for Plaster. All are described in this book.

With J-M Rock Wool in the outside walls, and across the attic floor, this home will be comfortable and easy to heat in winter on as much as 30% less fuel. In summer, it will be up to 15 degrees cooler on the hottest days. Furthermore, because the hollow wall spaces are filled with this fireproof, permanent material, there will never be any danger that flame will race upward from the basement.

With Johns-Manville Asbestos Shingles on both the roof and the walls, the problem of periodic maintenance is solved once and for all, for these shingles will never need protective treatment of any sort. Neither will there be any fear of roof-communicated fire, which is the cause of more than 23% of all residential fires.

And—with J-M Steeltex as the base for all plastered walls and ceilings, there will never be expensive bills for repairing the plaster.

You can have the benefits of J-M Triple Insulation in your present home. With J-M Rock Wool, you can make your home just as comfortable in summer and just as easy to heat in



Here are the features of the J-M Triple-Insulated House—1. J-M Asbestos Shingles on walls and roof; 2. J-M Rock Wool in walls and attic floor; and 3. J-M Steeltex for the plaster base.

winter, as if you had insulated it when it was being built. With J-M Asbestos Shingles, you can make the outside of your home just as fireproof and resistant to maintenance as the Triple-Insulated home itself. And, if the condition of the plaster justifies its replacement, you can install Steeltex as the new plaster base, and so obtain the most dependable kind of plaster job.

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